

IN THE CLAIMS

The following is a current listing of the claims, incorporating the amendments filed at the time of the filing of the RCE on February 1, 2005 and the changes requested by the examiner in the instant Office Action.

1. (currently amended): An Apparatus for ~~taking up~~ aspirating and dispensing liquid analytes, having comprising a microtitre plate with a plurality of wells for ~~taking up~~ aspirating an analyte, a plurality of pipettes, corresponding with each well, by which an analyte can be withdrawn from ~~an associated~~ said corresponding wells if the pipettes are is immersed into the analyte of the ~~associated~~ corresponding wells, at least one pump, which is coupled to ~~several~~ a plurality of said pipettes in such a way that an analyte ~~can in each case be~~ well is transferred sucked through an ~~associated~~ corresponding pipette by means of the pump, and analytes can be simultaneously aspirated ~~sucked~~ out of a plurality of said ~~several~~ wells or introduced into a plurality of said ~~several~~ wells by actuating the pump, the apparatus further having comprising a plurality of analysis chips for analyzing the analyte and a plurality of corresponding chambers, ~~one~~ wherein said analysis chips correspond respectively with ~~being in each case assigned to a~~ each well in order to analyze an analyte introduced into the each respective well, wherein each analysis chip comprises a plurality of liquid channels, wherein each analysis chip is arranged between a respective chamber in the a flow path of the analyte from the a well into the a pipette and into a chamber or from the a chamber into the a

pipette and into the a well; ~~between the pipette and the chamber such that~~
~~wherein the analyte is sucked~~ transferred through the liquid channels of
the analysis chip into the a chamber or out of the a chamber, respectively,
and wherein a portion of a surface area ~~the surface of at least a part of the~~
~~liquid channels of the analysis chips, which surface of at least a part of the~~
~~liquid channels of the analysis chips~~ comes into contact with the analyte,
said surface area is constructed to allow ~~designed in such a way that~~
biological material for binding molecules contained in the analyte ~~can~~ to be
fixed thereon ~~the surface~~.

2. (currently amended): The Apparatus according to Claim 1, further
comprising upper bodies coupled to lower bodies, the lower bodies having
comprising the pipettes, wherein an intermediate plate is arranged
between the upper bodies and the lower bodies, and wherein the analysis
chips are arranged in the intermediate plate.
3. (canceled)
4. (canceled)
5. (canceled)
6. (currently amended): The Apparatus according to Claim 1, ~~in which~~
wherein the surface of at least a part of the surface of the liquid channels
of the analysis chips, which surface of at least a part of the liquid channels
of the analysis chips comes into contact with the analyte, has biological
material for binding the molecules contained in the analyte.

7. (currently amended): The Apparatus according to Claim 1, ~~in which~~
wherein the microtitre plate ~~has~~ comprises 96 wells or 384 wells for taking
~~up~~ aspirating an analyte.
8. (currently amended): The Apparatus according to Claim 1, ~~in which~~
further comprising an elastic diaphragm is arranged over at least one of
the pipettes, so that an analyte can be ~~sucked~~ aspirated out of the
corresponding well or introduced into the corresponding well by deforming
the diaphragm.
9. (currently amended): The Apparatus according to Claim 1, in which a
buffer plate is provided for each pipette, in order to mix the analyte
delivered by the pipette.
10. (currently amended): The Apparatus according to Claim 1, ~~in which~~
further comprising operating the pump ~~is operated~~ in such a way that
analyte is sucked at a pressure which is less than an analyte surface
tension possibly formed in the pipette.